

| Ref # | Hits | Search Query  | DBs                                  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------------------------|------------------|---------|------------------|
| S1    | 6    | "5,994,966" "6,703,682"   | USPAT                                | OR               | OFF     | 2005/08/26 14:53 |
| S3    | 444  | 330/308.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR               | ON      | 2005/08/26 15:02 |
| S5    | 90   | MOS\$4 and transimpedance and 330/308.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR               | ON      | 2005/08/26 15:03 |
| S6    | 10   | ("4970470"   "5801588"   "6288387"   "6292052").PN. OR ("6593810").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:19 |
| S7    | 10   | ("4970470"   "5801588"   "6288387"   "6292052").PN. OR ("6593810").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:24 |
| S8    | 4    | ("5008532"   "5285169"   "5994966"   "6278324").PN. OR ("6703682").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:30 |
| S9    | 176  | (2nd or second) adj2 amplifier and transimpedance and "330"/\$.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:39 |
| S10   | 408  | transimpedance adj3 ampli\$6 and "330"/\$.ccls.                             | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:39 |
| S11   | 52   | voltage adj divider and transimpedance adj3 ampli\$6 and "330"/\$.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:42 |
| S12   | 246  | voltage adj divider and transimpedance adj3 ampli\$6                        | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:58 |
| S13   | 10   | ("4970470"   "5801588"   "6288387"   "6292052").PN. OR ("6593810").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:56 |
| S14   | 1735 | diode and transimpedance adj3 ampli\$6                                      | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 15:59 |
| S15   | 138  | diode and transimpedance adj3 ampli\$6 and ((2nd or second) adj transistor) | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 16:13 |
| S16   | 4    | ("4540952"   "5012202"   "5604463"   "6329881").PN. OR ("6693487").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 16:05 |
| S17   | 2657 | transimpedance adj3 amplif\$4   | US-PGPUB;<br>USPAT;<br>USOCR         | OR               | OFF     | 2005/08/26 16:13 |

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| S18 | 408 | transimpedance adj3 amplif\$4 and "330"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/08/26 16:29 |
| S19 | 241 | diode and transimpedance adj3 amplif\$4 and "330"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/08/26 16:34 |
| S20 | 43  | MOS and diode and transimpedance adj3 amplif\$4 and "330"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/08/26 16:29 |
| S21 | 7   | ("4841254"   "4970470"   "5801588"   "6175438"   "6288387"   "6292052").PN. OR ("6720826").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/08/26 16:33 |
| S22 | 185 | transimpedance and 330/308.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:12 |
| S23 | 165 | feedback and transimpedance and 330/308.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 14:59 |
| S24 | 10  | ("4970470"   "5801588"   "6288387"   "6292052").PN. OR ("6593810").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/01 15:06 |
| S25 | 18  | ("4314152"   "4459475"   "4498001"   "4540952"   "4868902"   "4870369"   "4939475"   "5012202").PN. OR ("5786730").URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/01 15:14 |
| S26 | 18  | ("4314152"   "4459475"   "4498001"   "4540952"   "4868902"   "4870369"   "4939475"   "5012202").PN. OR ("5786730").URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/01 15:15 |
| S27 | 328 | 330/308.ccls.  | USPAT                                | OR | OFF | 2005/09/01 15:20 |
| S36 | 2   | transimpedance adj amplifi\$6 and (MOS adj resistor) and (2nd or second) and voltage adj divider                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 15:27 |
| S37 | 2   | transimpedance adj amplifi\$6 and (MOS adj resistor) and voltage adj divider   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 15:28 |
| S38 | 10  | transimpedance adj amplifi\$6 and (MOS adj resistor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 15:28 |
| S39 | 12  | ("4786831"   "5198660"   "5363055").PN. OR ("5602511").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/01 15:29 |

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| S40 | 523      | transimpedance and "330"/\$.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 15:30 |
| S41 | 396      | transimpedance adj amplifier and "330"/\$.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 15:30 |
| S42 | 337      | feedback and transimpedance adj amplifier and "330"/\$.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:04 |
| S43 | 60       | transimpedance and 330/59.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 15:57 |
| S44 | 0        | feedback and transimpedance adj amplifier and "250"/241A, 241G. ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:04 |
| S45 | 0        | feedback and transimpedance adj amplifier and "250"/241A.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:04 |
| S46 | 0        | 250/241A.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:04 |
| S47 | 4        | 250/241 A.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:04 |
| S48 | 12781340 | 250/241 A, "241" G.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:05 |
| S49 | 4        | 250/241 A.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:06 |
| S51 | 0        | 250/241.ccls.   | USPAT                                | OR | OFF | 2005/09/01 16:06 |
| S52 | 4        | 250/241 G.ccls.   | USPAT                                | OR | OFF | 2005/09/01 16:06 |
| S53 | 545      | transimpedance and "250"/\$.ccls.                                       | USPAT                                | OR | OFF | 2005/09/01 16:07 |
| S54 | 347      | feedback and transimpedance and "250"/\$.ccls.                          | USPAT                                | OR | OFF | 2005/09/01 16:07 |
| S55 | 45       | voltage adj divider and feedback and transimpedance and "250"/\$. ccls. | USPAT                                | OR | OFF | 2005/09/01 16:07 |

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| S56 | 444  | 330/308.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/01 16:12 |
| S57 | 16   | ("3408579"   "4429967"  <br>"4459475"   "4574249"  <br>"4718119").PN. OR ("5812030").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/01 16:29 |
| S58 | 21   | transimpedance and 330/86.ccls.  | USPAT                                | OR | OFF | 2005/09/07 11:38 |
| S59 | 462  | 330/86.ccls.   | USPAT                                | OR | OFF | 2005/09/07 11:46 |
| S60 | 10   | ("4070632"   "4849708"  <br>"5175508"   "5412346"  <br>"5952883").PN. OR ("6084467").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/07 11:43 |
| S61 | 481  | 250/214A.ccls.   | USPAT                                | OR | OFF | 2005/09/07 11:47 |
| S62 | 558  | 250/214A.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 11:47 |
| S63 | 179  | transimpedance and 250/214A.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 11:55 |
| S64 | 33   | transimpedance and 250/214AG.<br>ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 11:58 |
| S65 | 227  | 250/214AG.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 12:03 |
| S66 | 3163 | transimpedance and amplifi\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 12:03 |
| S67 | 288  | transimpedance and amplifi\$6 and<br>voltage adj divider                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 13:34 |
| S68 | 68   | transimpedance and amplifi\$6 and<br>voltage adj divider and "330"/\$.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 14:15 |
| S69 | 12   | ("4786831"   "5198660"  <br>"5363055").PN. OR ("5602511").<br>URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR         | OR | OFF | 2005/09/07 13:59 |
| S70 | 3    | "6278324"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON  | 2005/09/07 14:10 |

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| S71 | 14  | "5285169"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON | 2005/09/07 14:10 |
| S72 | 281 | transimpedance and (2nd or second) adj amplifi\$6                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON | 2005/09/07 14:53 |
| S73 | 29  | transimpedance and (2nd or second) adj amplifi\$6 and voltage adj divider | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON | 2005/09/07 14:17 |
| S74 | 7   | transimpedance and (2nd or second) and (switch\$4) and MOS adj resistor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON | 2005/09/07 14:27 |
| S75 | 866 | 330/85.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON | 2005/09/07 14:53 |
| S76 | 24  | transimpedance and 330/85.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | ON | 2005/09/07 14:32 |